

## NETWORK ANALYZER HAVING DISTRIBUTED PACKET REPLAY AND TRIGGERING

### ABSTRACT

5           A system is described for monitoring and testing computer networks, such as  
enterprise networks that tend to have a number of geographically dispersed devices and  
interconnected sub-networks. The system includes a plurality of distributed agents coupled  
to a computing network. The system further includes a replay module coupled to the  
network that has storage medium to store replay data. The replay module communicates  
10       respective portions of the replay data to the agents, and issues commands to the agents to  
control introduction of the network packets on the computing network by the agents. The  
replay data stored by the storage medium may define a conditional flow for introduction of  
the network packets by the agents. Accordingly, the replay module may issue commands to  
the agents in accordance with the conditional flow.